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Keywords: **Human-AI Collaboration, Human-Agent Teamwork, HCI, CSCW**

Academic & Research Appointments

2024 –	**University of Southern California**
	Assistant Professor of Communication & Computer Science
	Annenberg School for Communication & Journalism
	Thomas Lord Department of Computer Science
	Associate Director, USC Center for AI in Society
2023 - 2024	**Cornell University**
	Postdoctoral Research Associate (PIs: Qian Yang, Wendy Ju)
	Ann S. Bowers College of Computing and Information Science
2023 - 2024	**Sony AI**
	Research Scientist
2022 - 2023	**Google Research**
	PhD Student Researcher
2021 – 2023	**Cornell Center for Social Sciences**
	Senior Data Science Fellow

Other Short-Term Research Appointments:
Adobe, Doctoral Research Internship, 2023
Microsoft Research (FATE), Doctoral Research Internship, 2023
Sony AI, Doctoral Research Internship, 2022
Accenture Labs, Research Associate Principal, 2022

Education

2019 – 2023	**Cornell University**
	PhD in Communication with Concentration in Human-Computer Interaction
	Committee: Andrea Stevenson Won, Susan Fussell, Malte Jung, Mor Naaman
	Other Short-Term Trainings during PhD: Neuropsychology (Harvard); Computational Social Science (University of Rochester); Human-Centered Design (MIT)
2016 – 2018	**The University of Texas at Austin**
	Master in Advertising (Media & Analytics Track)
	Graduate Certificate in Data Analytics & Applied Statistics, McCombs School of Business
	Committee: Jeeyun Oh, Angeline Close Scheinbaum
2012 – 2016	**The University of Hong Kong**
	Bachelor in Business Administration, *First Division Honor*
	Double Majors in Marketing and Business Design & Innovation

Honors & Awards

2026	Spotlight Paper for Oral Presentation, International Conference on Learning Representations (ICLR) (top 1% of 11,000+ papers)
2026	Best Paper Award, International Communication Association (ICA)
2025	Google Academic Research Award (1 of 26 awarded teams worldwide)
2025	Annenberg Dean's Research Award, USC
2024	Slack Academic Research Award (1 of 4 awardees nationwide)
2021, 2024	ACM CHI Best Paper Honorable Mention (top 5% of 4,000+ papers)
2023	DAAD Human-Centered AI Postdoctoral Fellow (1 of 30 awardees worldwide)
2022 - 2023	PhD Student Research Fellow, Google Research (1 of 11 fellows nationwide)
2023	Anson E. Rowe Award for Advanced Graduate Student, Cornell University
2022	Apple AI/ML Scholars Fellowship
2022	PhD Dissertation Fellowship, Cornell University
2022	Glass Family Fellowship, Cornell University
2021 - 2023	Senior Data Science Fellowship, Cornell University (1 of 3 fellows university-wide)
2021 - 2022	Graduate Research Scholarship, Ministry of Education (1 of 4 awardees nationwide)
2021	Anson E. Rowe Award for Promising Graduate Student, Cornell University
2021	Top Cited Article 2020-2021, Psychology & Marketing
2020	Ada Lovelace Fellowship Nominee, Microsoft Research
2013 - 2016	First Division Honor & Outstanding International Students, University of Hong Kong

Research Grants

($459,752 awarded during my first year as faculty; **$8M+** contributed in total)

Year	Award or Funding Agency	Role	Status	Amount ($)
2025 - 2026	Google Research - AI Trust, Safety, & Security *"Exiting Harmful Reliance: Identifying Crises & Escalation Needs in AI Companionships" with Munmun De Choudhury*	PI	Awarded	100,000
2026 - 2027	Amazon Science Hub *"Crisis Detection in AI Companionship: Accounting for Users' Mental Health Literacy and Culturally Sensitive Relational Dynamics" with Jieyu Zhao*	PI	Awarded	100,000
2025	Survival & Flourishing Fund (SFF-2025 S-Process) *with Jieyu Zhao*	PI	Invited for limited submission	329,752
2025	Annenberg Dean's Research Grant *"The Impact of AI Adoption in Creator Ecosystem"*	PI	Awarded	10,000
2024	Slack Academic Research Grant	PI	Awarded	10,000
2024	USC Center on Generative AI & Society	PI	Awarded	15,000
2024	Cornell Center for Data Science for Enterprise & Society *"Everyday Sensing and AI for Mental Health Care: Navigating a Tipping Point" with Qian Yang, Tanzeem Choudhury, and Fei Wang*	SP	Awarded	40,000
2023	DAAD Human-Centered AI Postdoctoral Fellowship	Fellow	Awarded	30,000
2023	Anson E. Rowe Award for Advanced Graduate Student	Awardee	Awarded	1,942
2022 - 2023	Cornell Graduate Student Dissertation Fellowship	Fellow	Awarded	50,058
2022	Glass Family Fellowship	Fellow	Awarded	1,695
2021 - 2023	Cornell Center for Social Sciences	Fellow	Awarded	27,094
2021 - 2022	Ministry of Education	Student PI	Awarded	30,000

2021	Anson E. Rowe Award for Promising Graduate Student	Awardee	Awarded	3,667

Academic Leadership, Outreach, & Research Events Organized

2025 –	Associate Director, USC Center for Artificial Intelligence in Society
2025 –	Co-Director, Media As SocioTechnical Systems, A Cross-Campus Initiative at USC
2026	Annual Symposium, USC Center for Artificial Intelligence in Society
2025	CSCW Panel on LLMs as Research Tools [link]
2025	Symposium on Synthetic Data & Behavioral Research, Society of Experimental Social Psychology (SESP)
2025	AI & Mental Health Thought Summit, Cornell University [link]
2025	CHIWORK 2025 Workshop on AI Disclosure, Ownership, and Accountability [link]
2025	CHI Panel on Human Subjects Research in the Age of Generative AI [link]
2025	Annual Symposium, USC Center for Artificial Intelligence in Society [link]

Invited Talks & Panels

2026	Community-Centered AI Summit, Cornell University
2026	Keynote, Communication Horizons Conference, UC Davis
2026	Keynote, International Workshop on Cyber Social Threats at ICWSM 2026
2026	Computing Research Association (CRA)
2025	Department of Computer Science Colloquium, USC
2025	Summit on Responsible Computing, AI, and Society, Georgia Institute of Technology
2025	Society of Experimental Social Psychology
2025	Responsible Data Workshop, Arizona State University
2024, 2025	Media As Socio-Technical Systems (MASTS) Seminar, USC
2025	Columbia Journalism School, Columbia University
2025	Data & Society
2025	Slack Workforce Lab
2025	Thought Summit on LLMs And Society, Global AI Initiative, Cornell University
2023, 2024, 2025	Annenberg Research Seminar, USC
2024	USC Center for AI in Society Seminar, USC
2024	Information Sciences Institute, USC
2024	School of Cinematic Arts, USC
2024	Department of Information Science Colloquium, Cornell University
2022, 2023	Google Research
2022, 2023, 2024	Sony AI Research
2023	Adobe Research
2021, 2022	Department of Communication Colloquium, Cornell University
2022	Work in the Age of Intelligent Machine (WAIM) Research Coordination Network
2022	Doctoral Consortium, International Communication Association (ICA)
2022	Human-Machine Communication Pre-Conference, International Communication Association (ICA)
2022	XR Monthly Seminar, Cornell Tech
2022	Department of Computer Science, Harvard University
2021	AI in Society Workshop, Cornell University
2021	AI & Design Workshop, Carnegie Mellon University
2021	Workshop on Human-Centered AI, Annual Conference on Neural Information Processing Systems (NeurIPS) *Spotlight workshop paper (<4% of all papers)*

Professional Service

Research Grant Reviewer & Panelist

2026 –	National Science Foundation
2025 –	Swiss National Science Foundation

Conference Program Committee

CHI	Associate Chair, 2023, 2024, 2025, 2026
	Student Research Competition Jury, 2025
CSCW	Program Committee, 2025, 2026
DIS	Associate Chair, 2023, 2024, 2025, 2026
FAccT	Program Committee, 2024, 2025, 2026
C&C	Associate Chair, 2024, 2025, 2026
ICWSM	Local Chair, 2026
WebSci	Senior Program Committee Member, 2024

Conference Reviewer

2019 –	CHI, CSCW, DIS, FAccT, C&C, UbiComp/ISWC, HRI, ICA

Journal Editor

2025 – 2026	International Journal of Communication, Special Issue on Ubiquitous Sensing
2026 –	Algorithms, Special Issue on Large Language Model and Human-Computer Interaction

Journal Reviewer (20+ top-tier journals across disciplines)

2019 –	Perspectives on Psychological Science, Nature Scientific Reports, Nature Humanities and Social Sciences Communications, PLOS One, BMC Psychology, New Media & Society, Social Media + Society, Computers in Human Behavior, ACM Transactions on Computing for Healthcare (ACM Health), ACM Transactions on Interactive Intelligent Systems (TiiS), Human-Computer Interaction, International Journal of Human-Computer Interaction, Telematics and Informatics, Information Technology & People, Mass Communication & Society, Cyberpsychology, Behavior and Social Networking, Cognition & Emotion, Psychology & Marketing, Digital Creativity, Journal of Computational Social Science, Journal of Consumer Behavior, Journal of Medical Internet Research

University & Departmental Service

2025 – 2026	PhD Admission Committee, Department of Communication, USC
2024 – 2026	Undergraduate Communication Curriculum Committee, USC
2021 – 2022	Communication Graduate Student Association Executive Board, Cornell University
2021 – 2022	Vice President and Student Representative, Graduate and Professional Student Association (GPSA), Cornell University

Publications

Peer-Reviewed Journal Articles

(* = co-authorship with equal contribution; ⊕ = students that I mentored; IF = impact factor)

J12. Daphnis, S. I. M. L.⊕, Wu, K., Yu, Q., Rives, H.⊕, Hwang, A. H.-C., Sabet, M., Won, A. S. (2025) The Effects of Companionship from Strangers and Companions on Pain Thresholds in Immersive Virtual Reality: A Randomized Controlled Trial. *Pain Medicine.* (IF = 6.7) (Registered ClinicalTrials.gov ID: NCT05335057) [doi]

J11. Hwang, A. H.-C. (In press) Rethinking Socio-Technical Harms of Large Foundation Models: A Critical Reflection Through Scale Hacking. *International Journal of Communication.* (IF = 1.9)

J9. Lauharatanahirun, N., Won, A. S., & Hwang, A. H.-C. (2024) External and Internal Attribution in Human-Agent Interaction: Insights from Neuroscience and Virtual Reality. *Human-Machine Communication.* (IF = 9.9) [doi]

J8. Ahn, S. J., Lee, J., Hwang, A. H.-C., Won, A. S., Eden, A., & Guthrie, W. S. (2024) Conferencing Together in Social VR: Bringing Agency Back into Affordances-based Approaches in Communication Scholarship. *The Information Society.* (IF = 3.9) [doi]

J7. Yang, Y.-Y., Hwang, A. H.-C., Wu, C.-T., Huang, T.-R. (2022) Person-identifying brainprints are stably embedded in EEG mindprints. *Nature Scientific Reports.* (IF = 5.5) [doi]

J6. Herman, L. M.* & Hwang, A. H.-C.* (2022) In the eye of the beholder: A viewer-defined conception of online visual creativity. *New Media & Society.* (IF = 7.2) [doi]

J5. Oh, J. & Hwang, A. H.-C. (2021) How interactive data visualization enhances the persuasiveness of COVID-19 news stories: The mediating role of fear and the moderating role of political orientation. *Journal of Broadcasting & Electronic Media.* (IF = 3.6) [doi]

J4. Oh, J., Lim, H. Y., & Hwang, A. H.-C. (2021) How interactive storytelling persuades: The mediating role of website contingency and narrative transportation. *Journal of Broadcasting & Electronic Media.* (IF= 3.6) [doi]

J3. Oh, J., Hwang, A. H.-C., & Lim, H. Y. (2020) How interactive data visualization and users' BMI (body mass index) influence obesity prevention intentions: The mediating effect of cognitive absorption. *Health Communication.* (IF= 3.6) [doi]

J2. Hwang, A. H.-C., Oh, J., & Scheinbaum, A. C. (2020) Interactive music for multisensory e-commerce: The moderating role of online consumer involvement in experiential value, cognitive value, and purchase intention. *Psychology & Marketing.* (IF= 5.5) [doi] *Awarded as one of the most cited papers in Psychology & Marketing, 2020 - 2021*

J1. Hwang, A. H.-C., & Oh, J. (2020) Interacting with background music engages e-customers more: The impact of interactive music on consumer perception and behavioral intention. *Journal of Retailing and Consumer Services.* (IF= 11.0) [doi]

Peer-Reviewed Conference Papers (Archival)
Top-tier venues in human-computer interaction include ACM conferences such as CHI, CSCW, and DIS. Top-tier venues in artificial intelligence and machine learning include conferences such as NeurIPS, ICML, and ICLR. These conferences were peer-reviewed with acceptance rates around 20–25% in the past few years. These conference papers were published as journal-style full papers.

C26. Li, Y.⊕, Yao, J., Bunyi, J. B. S., Frank, A. C., Hwang, A. H.-C., Liu, R. CounselBench: A Large-Scale Expert Evaluation and Adversarial Benchmark of Large Language Models in Mental Health Counseling. *Proceedings of the International Conference on Learning Representations* ***(ICLR 2026)*** [arXiv] *Selected as Spotlight Paper for Oral Presentation (top 1% of 11,000+ papers)*

C25. Hwang, A. H. C., Wong, S.⊕, Chen, B.⊕, He, J., Do, H. J. (Accepted) "Better Ask for Forgiveness than Permission": Practices and Policies of AI Disclosure in Freelance Work. *Proceedings of the ACM 2026 Conference on Human Factors in Computing Systems* ***(CHI 2026)***

C24. Cooper, N.*, Guridi, J. A.*, Hwang, A. H.-C.*, Kolko, B., McGinty, E. E., Yang, Q. (Accepted) Framing Responsible Design of AI for Mental Well-Being: AI as Primary Care, Nutritional Supplement, or Yoga Instructor? *Proceedings of the ACM 2026 Conference on Human Factors in Computing Systems* ***(CHI 2026)***

C23.   Manoli, A., Pauketat, J. V. T., Ladak, A., Noh, H., Hwang, A. H.-C., Anthis, J. R. (Accepted) "She's Like a Person but Better": Characterizing Companion-Assistant Dynamics in Human-AI Relationships. *Proceedings of the ACM 2026 Conference on Human Factors in Computing Systems* **(CHI 2026)**

C22.   Hwang, A. H.-C., Liao, Q. V., Olteanu, A., Blodgett, S. L., & Trischler, A. (2025) "It was 80% me, 20% AI": Seeking Authenticity in Creative Writing with Large-Language Models. *Proceedings of the ACM Conference on Computer-Supported Cooperative Work and Social Computing* **(CSCW 2025)** [doi]

C21.   Guridi, J. A.⊕, Hwang, A. H.-C., Santo, D., Goula, M., Cheyre, C., Humphreys, L., & Rangel, M. (2025) From Fake Perfects to Conversational Imperfects: Exploring Image-Generative AI as a Boundary Object for Participatory Design of Public Spaces. *Proceedings of the ACM Conference on Computer-Supported Cooperative Work and Social Computing* **(CSCW 2025)** [doi]

C20.   Sandhaus, H.⊕, Hwang, A. H.-C., Yang, Q., & Ju, W. (2025) My Precious Crash Data: Barriers and Opportunities in Encouraging Autonomous Driving Companies to Share Safety-Critical Data. *Proceedings of the ACM Conference on Computer-Supported Cooperative Work and Social Computing* **(CSCW 2025)** [doi]

C19.   Hwang, A. H.-C., Le Quéré, M. A., Schroeder, H., Cuevas, A., Dow, S. P., Kapania, S., & Rho, E. (2025) Scale, Engage, or Both?: Potential and Perils of Applying Large Language Models in Interview and Conversation-Based Research. *Companion of the Computer-Supported Cooperative Work and Social Computing* **(CSCW 2025)** [doi]

C18.   Johnston, C. M.⊕, Koumoundouros, O., Hwang, A. H.-C., Onasch-Vera, L., Rice, E., Vayanos, P. (2025) Toward AI Matching Policies in Homeless Services: A Qualitative Study with Policymakers. *Proceedings of the 2025 AAAI/ACM Conference on AI, Ethics, and Society* **(AIES 2025)** [doi]

C17.   Hwang, A. H.-C., and Yang, Y.-Y. (2025) Popularity Matters: Revealing Their Use of AI Tools Harms Freelancers with Smaller Follower Bases. *Proceedings of Academy of Management Annual Meeting* **(AOM 2025)** [doi]

C16.   Maruyama, K., Hwang, A. H.-C., & Besold, T. R. (2025) Bridging Perceptual Gaps in Food NLP: A Structured Approach Using Sensory Anchors. In *Proceedings of the Fourth Workshop on NLP for Positive Impact (NLP4PI), Association for Computational Linguistics* **(ACL 2025)** [doi]

C15.   Do, H. J., Feldman, M. Q., He, J., Hwang, A. H.-C., Kim, S. (2025) Navigating Generative AI Disclosure, Ownership, and Accountability in Co-Creative Domains. *Adjunct Proceedings of the 4th Annual Symposium on Human-Computer Interaction for Work* **(CHIWORK 2025)** [doi]

C14.   Hwang, A. H.-C., Bernstein, M. S., Sundar, S. S., Zhang, R., Horta Ribeiro, M., Lu, Y., Chang, S., Wu, S. Yang, A., Williams, D., Park, J. S., Ognyanova, K., Xiao, Z., Shamma, D. A. (2025) Human Subjects Research in the Age of Generative AI: Opportunities and Challenges of Applying LLM-Simulated Data to HCI Studies *Proceedings of the ACM 2025 Conference on Human Factors in Computing Systems* **(CHI 2025)** [doi]

C13.   Hwang, A. H.-C., Siy, J. O., Shelby, R. M., & Lentz, A. (2024) In whose voice?: Examining Agent Representation of People in Social Interaction through AI Generative Audio. *Proceedings of ACM Designing Interactive Systems Conference.* **(DIS 2024)** [doi]

C12.   Hwang, A. H.-C., Adler, D., Friedenberg, M., & Yang, Q. (2024) Societal-Scale Human-AI Interaction Design?: Investigating How Hospitals and Companies Integrate Pervasive Sensing into Mental Healthcare Ecosystems. *Proceedings of the ACM 2024 Conference on Human Factors in Computing Systems* **(CHI 2024)** [doi]

C11. Hwang, A. H.-C. & Won, A. S. (2024) The Sound of Support: The Presence of Gendered Voice Agent as Support to Minority Teammates in Gender-Imbalanced Team. *Proceedings of the ACM 2024 Conference on Human Factors in Computing Systems* ***(CHI 2024)*** [doi] **Best Paper Honorable Mention (< top 5% among 4,000+ papers)*

C10. Ebel, P., Bazilinskyy, P., Hwang, A. H.-C., Ju, W., Sandhaus, H., Srinivasan, A. R., Yang, Q., & Wintersberger, P. (2023) Breaking Barriers: Workshop on Open Data Practices in AutoUI Research. *Adjunct Proceedings of the 15th International Conference on Automotive User Interfaces and Interactive Vehicular Applications* ***(AutoUI)*** [doi]

C9. Hwang, A. H.-C., Badreddine, S., Gifford, F., & Besold, T. R. (2023) Recipe 2.0: Information Presentation for AI-Supported Culinary Idea Generation. *Proceedings of the 14th International Conference on Computational Creativity* ***(ICCC)*** [doi]

C8. Hwang, A. H.-C. & Won, A. S. (2022) AI in Your Mind: Counterbalancing Perceived Agency and Experience in Human-AI Interaction. *Proceedings of the ACM 2022 Conference on Human Factors in Computing Systems* ***(CHI 2022)*** [doi]

C7. Hwang, A. H.-C. (2022) Too Late to be Creative? AI-Empowered Tools in Creative Processes. *Proceedings of the ACM 2022 Conference on Human Factors in Computing Systems* ***(CHI 2022)*** [doi]

C6. Hwang, A. H.-C.*, Kim, J.*, Lobo, S. N.⊕, Shu, Y.⊕, & Won, A. S. (2022) Being there to learn: Narrative style and cross-platform comparison for 360-degree educational videos. *Proceedings of the ACM Conference on Computer-Supported Cooperative Work and Social Computing* ***(CSCW 2022)*** [doi]

C5. Hwang, A. H.-C.*, Wang, C. Y.*, Yang, Y. Y., & Won, A. S. (2021) Hide and Seek: Choices of Virtual Backgrounds in Video Chats and Their Effects on Perception. *Proceedings of the ACM on Human-Computer Interaction* ***(CSCW 2021)*** [doi]

C4. Hwang, A. H.-C., Won, A. S. (2021) IdeaBot: Investigating Social Facilitation in Human-Machine Team Creativity. *The ACM 2021 Conference on Human Factors in Computing Systems* ***(CHI 2021)*** [doi] **Best Paper Honorable Mention*

C3. Hwang, A. H.-C., Sun, Y., McKee, C., & Won, A. S. (2020) Real or Surreal: A Pilot Study on Creative Idea Generation in MR vs. VR. *Proceedings of 2020 IEEE Conference on Virtual Reality and 3D User Interfaces* ***(IEEE VR 2020)*** [doi]

C2. Hwang, A. H.-C., Sun, Y., Tamir, N., & Won, A. S. (2020) Pain Experience in Social VR: Comparing Companionship from Close Others and Stranger. *Proceedings of 2020 IEEE Conference on Virtual Reality and 3D User Interfaces* ***(IEEE VR 2020)*** [doi]

C1. Chan, C.*, Hwang, A. H.-C.*, Sun, D., Birckhead, B., & Won, A. S. (2020) Minimal Embodiment: Effects of a Portable Version of a Virtual Disembodiment Experience on Fear of Death. *Proceedings of 2020 IEEE Conference on Virtual Reality and 3D User Interfaces* ***(IEEE VR 2020)*** [doi]

Peer-Reviewed Extended Abstracts, Posters, & Workshop Papers

23. Hwang, A. H.-C. (2025) Repurposing Human Subjects Research as Driver of Responsible AI Design. *2025 Summit on Responsible Computing, AI, and Society.*

22. Hwang, A. H.-C., Guridi, J. A., Sandhaus, H., & Yang, Q. (2025) Exploring AI Technology and Policy Co-Development: Insights from Seventeen AI Regulatory Sandboxes. *In Workshop on Design for Hope: Cultivating Deliberate Hope in the Face of Complex Societal Challenges at The ACM Conference on Computer-Supported Cooperative Work and Social Computing* **(CSCW 2025)** [link]

21. Hwang, A. H.-C. (2025) Disclosing AI, Questioning Authenticity: How Transparency Shapes the Value of AI-Generated Professional Work. *INFORMS Annual Meeting.*

20. Hwang, A. H.-C. & Yang, Y. Y. (2025) The Dual Impact of AI Use Disclosure: Harm for Creators vs. Gains for Non-Creative Freelancers. In 11th *International Conference on Computational Social Science* **(IC2S2)** [link]

19. Hwang, A. H.-C. (2024) The Data Economy of Future Mental Healthcare: Curating and Designing with Omnichannel Data. *In Workshop on Designing (with) AI for Wellbeing at the ACM 2024 Conference on Human Factors in Computing Systems* **(CHI 2024)** [link]

18. Hwang, A. H.-C., Friedenberg, M., Adler, D. A., Mohr, D. C., & Yang, Q. (2022) Searching for the Right Levers to Pull: A Case Study of Bringing Human Considerations to Bear on an AI Cascade. *In Workshop on Situating Network Infrastructure with People, Practices, and Beyond at The ACM Conference on Computer-Supported Cooperative Work and Social Computing* **(CSCW 2022)**

17. Hwang, A. H.-C. & Won, A. S. (2022) Bittersweet: Social Comparison and Reliance on Partner Competence in Human-Agent Teamwork. *Work in the Age of Intelligent Machine (WAIM) Research Coordination Network.* [link] ** Received travel support from NSF Future of Work at the Human-Technology Frontier Program (NSF 17-065).*

16. Hwang, A. H.-C. (2022) The Look of Trust: How Does Physical Embodiment Shape Trust in Human-Agent Interaction? *In Workshop on Trust and Reliance in AI-Human Teams at the ACM 2022 Conference on Human Factors in Computing Systems* **(CHI 2022)**

15. Hwang, A. H.-C. (2022) Dangerously Convincing: Applying Guidelines of Risk Communication Message Design to Human-Centered Explainable AI. *In Workshop on Human-Centered Perspectives in Explainable AI at ACM 2022 Conference on Human Factors in Computing Systems* **(CHI 2022)**

14. Hwang, A. H.-C. (2022) Why or Why Not: Barriers of Adopting Generative AI in Human-AI Co-Creativity. *In Workshop on Generative AI and HCI at ACM 2022 Conference on Human Factors in Computing Systems* **(CHI 2022)**

13. Hwang, A. H.-C. (2022) Goodbye, Strong AI: Technical Limitations as the Drives for New Theories in Human-Machine Communication. *Human-Machine Communication Pre-Conference at the 72nd Annual International Communication Conference* **(ICA 2022)** **Selected as key paper to present at the Human-Machine Communication Pre-Conference*

12. Hwang, A. H.-C. (2022) AI with(out) faces: How does representation of AI influence the dynamics in human-AI collaboration? *The 11th Annual Doctoral Consortium of the Communication and Technology Division at the 72nd Annual International Communication Conference.* **(ICA 2022)**

11. Hwang, A. H.-C. & Oh, J. (2022) Who Sacrificed for Interactive Experience? Investigating the Effect of Interactive Visualization in COVID-19 News on Ethnic Biases. *The 72nd Annual International Communication Conference.* **(ICA 2022)**

10. Oh, J. & Hwang, A. H.-C. (2022) Interactive COVID-19 News Scares Conservatives More: The Impact of Data Visualization on Fear Arousal and Preventive Intentions. *The 72nd Annual International Communication Conference.* **(ICA 2022)**

9. Won, A. S., Sabet, M., Hwang, A. H.-C., Cannon, J., Gaddi, V., & McLeod-Daphnis, I. (2022) Effects of Mediated Social Interactions on Pain. *The 72nd Annual International Communication Conference.* **(ICA 2022)**

8. Hwang, A. H.-C. (2021) Individuality in Human-Centered AI. *In Workshop on "HCAI: Human Centered AI." The 35th Conference on Neural Information Processing Systems* **(NeurIPS 2021)** **Spotlight paper (<4% of all workshop papers)*

7. Hwang, A. H.-C. & Won, A. S. (2021) Group- And Individual-Level Successes in Human-Agent Teams: From Trade-Off to Win-Win. *In Workshop on Human-Machine Partnerships in the Future of Work at the ACM Conference on Computer-Supported Cooperative Work and Social Computing* **(CSCW 2021)**

6. Hwang, A. H.-C. (2021) The Virtual Background behind "Me" vs. "Us": A Cross-Cultural Study of Video-Mediated Communication. *The 71st Annual International Communication Conference* **(ICA 2021)**

5. Ahn, S. J., Lee, J., Hwang, A. H.-C., Won, A. S., Eden, A., & Guthrie, W. S. (2021) The Utility of Embodied Virtual Spaces for Academic Conferences. *The 71st Annual International Communication Conference* **(ICA 2021)**

4. Hwang, A. H.-C. (2019) Interactive Data Visualization Influences Subsequent Narrative Persuasion: The Interaction Effect between Body Mass Index (BMI) and Interactivity on Transportation and Intentions to Prevent Obesity. *The 69th Annual International Communication Association Conference* **(ICA 2019)**

3. Hwang, A. H.-C. (2019) How Interactive Storytelling Persuades: Comparing the Effects of User Engagement and Transportation. *The 69th Annual International Communication Association Conference* **(ICA 2019)**

2. Hwang, A. H.-C. & Oh, J. (2019) When Consumer Involvement Matters: The Effect of Interactive Music on Consumer Experience and Purchase Intention. *Proceedings of 2019 American Marketing Association Conference* **(AMA 2019)**

1. Hwang, A. H.-C. & Oh, J. (2018) Can Interactive Music Drive Your Online Shopping Cart? An Experimental Study of Consumer Engagement and Behavioral Intention. *Proceedings of 2018 American Marketing Association Conference* **(AMA 2018)**

Selected Preprints

Hwang, A. H. C., Li, F.⊕, Anthis, J. R., & Noh, H. How AI Companionship Develops: Evidence from a Longitudinal Study. [arXiv]

Kang, E. J.⊕, Lin, F.⊕, Hwang, A. H. C. Policy or Community?: Supporting Individual Model Creators' Open-Source AI Model Development in Model Marketplace.

Hwang, A. H.-C., Lauharatanahirun, N., & Won, A. S. Thinking through: Illuminating Source Attribution of AI Improves AI-Supported Decision-Making.

Feuerriegel, S., Barrie, C., Crockett, M. J., Globig, L. K., Mirea, D.-M., Spirling, A., Yang, D., ... Hwang, A. H.-C. ... Rathje, S., Ribeiro, M. H. GUIDE-LLM: A Consensus-based Reporting Checklist for Large Language Models in Behavioral and Social Science.

Wan, C.⊕, Hwang, A. H. C. The Agency Dynamics in Human-AI Communication: Understanding How Chatbot Role and Outcome Influence Self-Attribution. *Awarded as Best Paper at International Communication Association (ICA 2026)*

Conference Presentations
(Presentations grouped by research topics)

Development and Longitudinal Effect of Human-AI Companionship
CHI 2026, CHI 2026 Workshop

Calibrating Social Experience in Human-AI Collaboration
ICA 2026, CHI 2022, CHI 2022 Latebreaking Work, ICA 2022

Impact of AI Use & Disclosure on Freelance Workers
CSCW 2025, INFORMS 2025, SESP 2025, AOM 2025, IC2S2 2025, CHI 2026

Societal-Scale Human-AI Interaction for Digital Healthcare
CHI 2026, CHI 2024, CHI 2024 Workshop, CSCW 2022 Workshop

Impact of AI Voice Agent on Social Dynamics in Small Groups
CHI 2024, DIS 2024

Creativity Support & Social Facilitation in Human-Agent Teamwork
CHI 2022, CHI 2021

Computer-Mediated Communication during the Worldwide Pandemic
CSCW 2022, CSCW 2021, ICA 2021

Ethnic Biases in Users' Response to Interactive Visualization of Health Data
ICA 2022, ICA 2021, ICA 2019

Mediated Interaction in Virtual Reality for Healthcare
ICA 2022, ICA 2021, IEEE VR 2020

Individuality in Human-Centered AI
NeurIPS 2021

Multimodal User Experience Design on E-Commerce Websites
AMA 2019, IC4E 2019, ICMBT 2019, AMA 2018

Teaching Experience

Spring 2025, Spring 2026	**Theories & Practices of Human-AI Interaction** Department of Communication, University of Southern California
Spring 2026	**Communication & Technology** Department of Communication, University of Southern California
Spring 2025, Fall 2025	**Social & Economic Implications of Technologies** Department of Communication, University of Southern California

2022 – 2023	**Machine Learning for Social Science Research**
	Cornell Center for Social Sciences, Cornell University
	Designed and launched the inaugural workshop series to teach machine learning to social science researchers at Cornell University. The workshop consists of four key panels with hands-on coding exercises in Python and R:
	(1) Intro to Machine Learning
	(2) Intro to Natural Language Processing
	(3) Supervised Learning
	(4) Unsupervised Learning
Winter 2022	**What Is Computation? From Turing Machines To Black Holes And Neurons**
	Department of Computer Science, Harvard University
	Lead lecturer of "Into the Unknown: (De)constructing Creativity in the Age of Human-Machine Partnership"
Fall 2021	**Communication & Technology**
	Department of Communication, Cornell University
Fall 2020	**Oral Communication**
Summer 2021	Department of Communication, Cornell University
Fall 2019	**Communication in Virtual World**
Spring 2021	Department of Communication, Cornell University
Spring 2020	**Visual Communication**
	Department of Communication, Cornell University
Fall 2019	**Media Communication**
	Department of Communication, Cornell University

Mentorship

	Doctoral Dissertation Committee
Present	Felicia Lu, Department of Communication, USC
	Fiona Li, Department of Communication, USC
	Louise Xie, Department of Communication, USC
	John Bunyi, USC Suzanne Dworak-Peck School of Social Work
	Brihi Joshi, Department of Computer Science, USC
	Priyanka Dey, Department of Computer Science, USC
	Sophie Hsu, Department of Computer Science, USC
	Athena Saghi, Department of Computer Science, USC
	Graduate Research Assistants/Interns
Present	Fiona Li, Department of Communication, USC
	Elaine Jeon, Department of Communication, USC
	Chang Wan, Department of Communication, Zhejiang University
	Chenghui Wu, Department of Linguistics, Peking University
2023 – 2024	Hauke Sandhaus, Department of Information Science, Cornell Tech
	Zhuoer Lyu, Department of Information Science, Cornell University
	Adhit Sankaran, Department of Computer Science, Cornell University
	Undergraduate Mentees & Research Assistants

Present   Senya Wang, Marshall School of Business & Viterbi School of Engineering, USC

2022 - 2023   Wei Yang, Department of Information Science, Cornell University
               James Hwang, Department of Communication, Cornell University
               Ingrid Zhu, Department of Information Science, Cornell University

2021 - 2022   Shane Labo, Department of Physics, Cornell University
               Esther Lee, Department of Information Science, Cornell University
               Yingyi Shu, Department of Information Science, Cornell University

2020 - 2021   Oana Mirestean, Department of Computer Science, Cornell University
               Seungmin Lee, Department of Information Science, Cornell University
               Yifei Wang, Department of Communication, Cornell University

2019 - 2020   Emily Chin, Department of Information Science, Cornell University
               Joshua Levine, Department of Information Science, Cornell University
               Hal Rives, Department of Biology, Cornell University